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TECHSPEC® 100mm Dia Protected Gold, 4-6λ Mirror
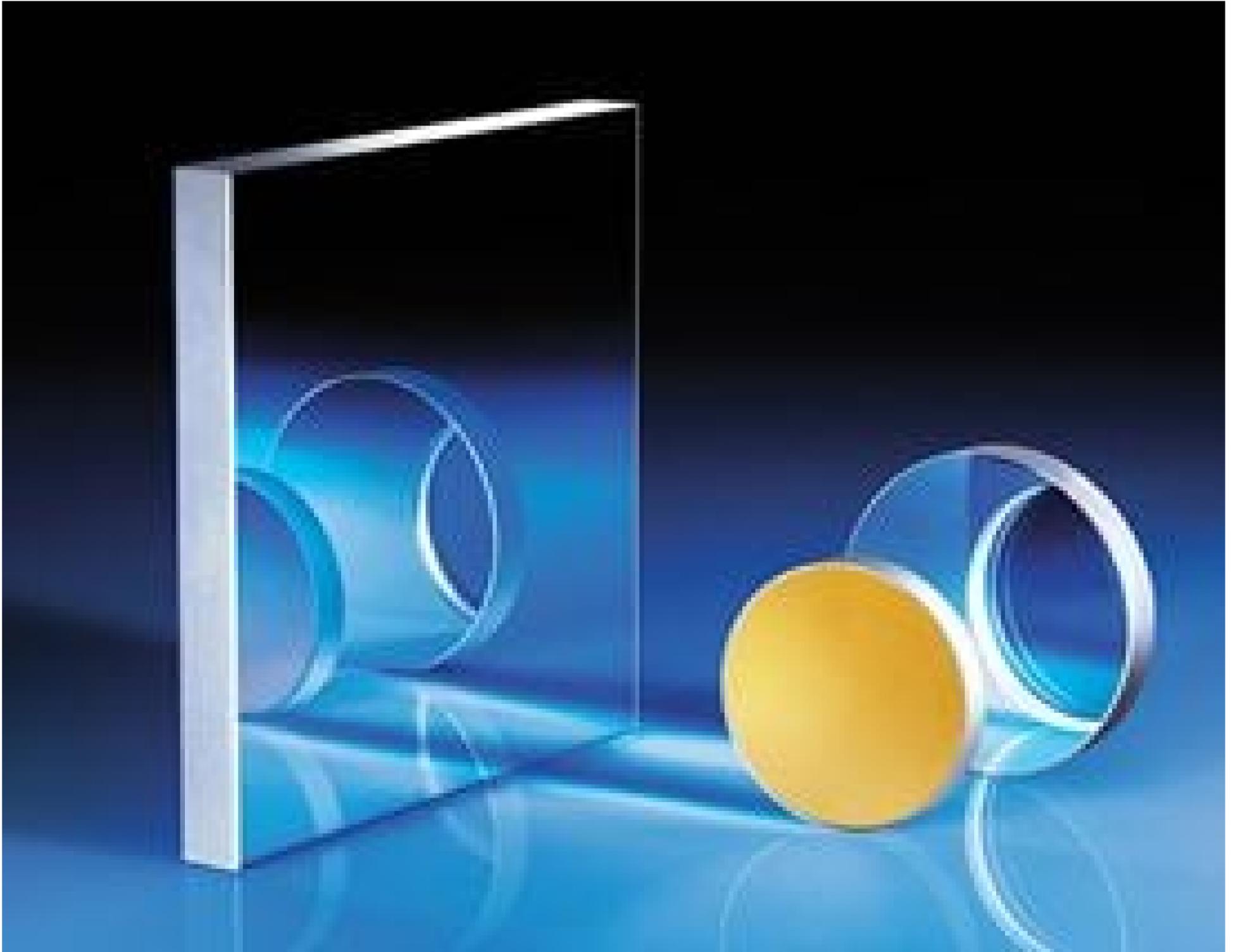
Stock **#22-431**   **3 In Stock**

⊖ 1 ⊕   **₹21,175**

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Volume Pricing	
Qty 1-5	**₹21,175** each
Qty 6-25	**₹18,781** each
Qty 26-99	**₹17,730** each
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Product Downloads

General

Type:
Flat Mirror

Physical & Mechanical Properties

Diameter (mm):
100.00 ±0.25

Thickness (mm):
3.00 (nominal)

Clear Aperture CA (mm):	
90.00	
Dimensional Tolerance (mm):	
±0.25	
Edges:	
Ground, 0.5mm Maximum Edge Chip	

Optical Properties

Coating Type:	
Metal	
Coating:	
Protected Gold (700-10000nm)	
Surface Flatness (P-V):	
4 - 6λ	
Wavelength Range (nm):	
700 - 10000	
Substrate: ☐	
Float Glass	
Coating Specification:	
R_{avg} >96% @ 700 - 2000nm	
R_{avg} >96% @ 2000 - 10,000nm	
Surface Quality:	
60-40	
Damage Threshold, By Design: ☐	
0.8 J/cm^2 @ 1064nm, 10ns	

Regulatory Compliance

RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 247:	
Compliant	
Country of Origin:	
United States	
Imported By:	
Edmund Optics India Private Limited	

Product Details

- Wide Variety of Shapes and Sizes Available
- Enhanced Aluminum, Protected Gold, and Protected Silver Coatings for high reflectivity from 450-10000nm
- Contact Us for Custom Sizes

TECHSPEC® First Surface Mirrors feature a high reflectivity coating deposited on the front surface of the glass substrate. The mirrors are available in enhanced aluminum, protected gold, and protected silver coatings for high reflectivity from 450-10000nm. The coated surface should be oriented to reflect incident light. TECHSPEC First Surface Mirrors are offered in circular, square, and rectangular dimensions. First surface mirrors are ideal for applications requiring the mirror to be mounted at 45° in order to produce a 90° bend in the light path. These first surface mirrors easily mount into a **range of optical mounts** to facilitate application integration.

Note: A range of mounts specifically compatible with individual TECHSPEC® First Surface Mirrors can be found on product web pages.

Technical Information